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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Kenneth H. Heffner, Charles W. Reed and David M. File

For: Wear-Resistant Electrically Conductive Body      Group Art Unit 1775

Serial No.10/662,162

Examiner: Archene Turner

Filed September 12, 2003

Navy Case Number 75463

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RESPONSE TO OFFICE ACTION MAILED JULY 3, 2007

HONORABLE COMMISSIONER OF PATENTS

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Sir:

It is requested that the present amendment be entered in order to place the present patent application in condition for allowance or appeal.

Amended independent claim 2 and amended dependent claim 4 are attached.

It is submitted that claimed subject matter of newly amended independent claim 2, and newly amended dependent claim 4, is not taught and is not obvious from Dorfman et al. (U.S.5,786,068).

Non-amended dependent claim 3 is attached

Non-elected claims 1 and 5-7 are also attached.